Amendments To The Specification

Please replace the paragraph beginning page 3, line 12, with the following amended paragraph:

--This object is attained in a supporting disk for a surface grinding wheel, ~~comprising~~ consisting of a glass-fiber reinforced phenolic resin body, which includes an upper covering layer of a textile glass fabric ~~or a glass yarn layer~~; an intermediate layer of a fiber ~~mat~~ fleece; and a lower covering layer of a textile glass fabric ~~or a glass yarn layer~~. According to the invention, a comparatively expensive textile glass fabric ~~or glass yarn layer~~ is utilized only in the upper and lower covering layer, whereas a simple intermediate layer in the form of a fiber ~~mat~~ fleece is used as a filler between these two covering layers. When the supporting disk is loaded during grinding operation, mechanical stresses occur in addition to the strain due to centrifugal force as a result of the supporting disk sagging in the direction of its axis. The greatest bending stresses occur upon loading of the surface areas, while the intermediate area remains almost stress-free when loaded by bending. The coverings of textile glass fabric ~~or glass yarn layers~~ have a higher loading capacity than the fiber-mat intermediate layer. As opposed to the prior art number of five layers or more, the supporting disk according to the invention

only comprises three layers, of which only the two exterior coverings consist of comparatively costly fabrics or layers while the intermediate layer consists of a comparatively low-cost fiber ~~mat~~ fleece as a filler. The job of the intermediate layer primarily resides in producing as great a distance as possible between the two coverings that possess by far greater tensile strength than the intermediate layer. As a rule, the intermediate layer is thicker than the covering layers.--

Please replace the section beginning line 14 on page 4 with the following amended section:

-- BRIEF DESCRIPTION OF THE DRAWING

Fig. 1 is a central cross-sectional view of a surface grinding wheel;

Fig. 2 is a plan view of a textile glass fabric; and

~~Fig. 3 is a plan view of a glass yarn layer;~~

~~Fig. 4~~ Fig. 3 is an explosive view of a blank for a supporting disk with covering layers of textile glass fabric.

~~; and~~

~~Fig. 5 is an explosive view of the blank for a supporting disk with glass yarn layer coverings.~~--

Please replace the paragraph beginning page 5, line 14, with the following amended paragraph:

--The upper covering layer 6 and the lower covering layer 8 ~~either~~ consist of a textile glass fabric 9 as seen in Fig. 2~~, or of a glass yarn layer 10 as seen in Fig. 3~~. The textile glass fabric 9 ~~as well as the glass yarn layer 10 consist~~ consists of parallel warp threads 11 and equally parallel weft threads 12 which are perpendicular to the warp threads 11. As illustrated in Fig. 2, ~~the difference resides in that,~~ in the case of the textile glass fabric 9, the weft threads 12 are led alternately above and below the neighboring warp threads 11 for the linen weave illustrated. Of course, it is conceivable to make use of a weave other than the linen weave. Fundamentally, the fabrics 9 include two systems of warp threads 11 and weft threads 12 that cross at right angles for a given type of weave. ~~As opposed to this, in the case of the glass yarn layer 10, the warp threads 11 lie on a plane and the weft threads 12 also are on a plane on top of the warp threads 11. In this case too, the warp threads 11 on the one hand and the weft threads 12 on the other are close side by side as seen in Fig. 3.~~--

Please replace the paragraph beginning page 5, line 7, with the following amended paragraph:

-- The intermediate layer 7 consists of a fiber fleece.~~mat, the term fiber mat also implying a fiber fleece or~~

~~a fabric of a volume enlarged by needling. The needling of fabrics, known in the art, serves to multiply, for example to triplicate, the volume, i.e. the thickness, thereof, whereas the tensile strength is reduced by 50 percent, which is however of no importance -- as explained at the outset.~~ Natural fibers, for example hemp or sisal, may be used as a fiber material as well as synthetic organic fibers such as polyester or polypropylene or textile glass fibers.--

Please replace the paragraph and table beginning page 6, line 16, with the following amended paragraph:

-- ~~Fig. 4~~ Fig. 3 is an explosive view of a blank 15 for the upper covering layer 6, a blank 16 for the intermediate layer 7 and a blank 17 for the lower covering layer 8. All the blanks 15 to 17 already have the opening 4, but they are still plane. ~~In Fig. 4, a~~ A textile glass fabric 9 is used for the upper covering layer 6 and the lower covering layer 8. ~~Fundamentally, there are the following four possibilities of combination of the upper covering layer 6 and the lower covering layer 8:~~

~~upper covering layer 6~~	~~lower covering layer 8~~
~~textile glass fabric 9~~	~~textile glass fabric 9~~
~~textile glass fabric 9~~	~~glass yarn layer 10~~
~~glass yarn layer 10~~	~~glass yarn layer 10~~

~~glass yarn layer 10~~	~~textile glass fabric 9~~

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Please replace the paragraph beginning page 7, line 7, with the following amended paragraph:

-- The textile glass fabrics 9_, ~~glass yarn layers 10~~ and the fiber fleece ~~mats 14~~ are produced and combined in such a way that a textile glass fabric 9 ~~or a glass yarn layer 10~~ as an upper covering layer 6 and as a lower covering layer 8 accommodate the intermediate layer 7 between them. The three combined layers 6 to 8 may be sewn together by threads as a safeguard during transport. This compound of layers or the individual layers are impregnated by phenolic resin, from which the blanks are subsequently punched.--